

June 15, 2023

Docket No.: 52-026

ND-23-0091
10 CFR 52.99(c)(1)U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555-0001Southern Nuclear Operating Company
Vogtle Electric Generating Plant Unit 4
ITAAC Closure Notification on Completion of ITAAC C.2.6.09.05a [Index Number 664]

Ladies and Gentlemen:

In accordance with 10 CFR 52.99(c)(1), the purpose of this letter is to notify the Nuclear Regulatory Commission (NRC) of the completion of Vogtle Electric Generating Plant (VEGP) Unit 4 Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) Item C.2.6.09.05a [Index Number 664]. This ITAAC confirms that the access control points for the protected area are configured to control personnel and vehicle access. ITAAC C.2.6.09.05a also confirms that the protected area personnel access point detection equipment is capable of detecting firearms, incendiary devices, and explosives. The closure process for this ITAAC is based on the guidance described in Nuclear Energy Institute (NEI) 08-01, "Industry Guideline for the ITAAC Closure Process Under 10 CFR Part 52," which was endorsed by the NRC in Regulatory Guide 1.215.

This letter contains no new NRC regulatory commitments. Southern Nuclear Operating Company requests NRC staff confirmation of this determination and publication of the required notice in the Federal Register per 10 CFR 52.99.

If there are any questions, please contact Kelli Roberts at 706-848-6991.

Respectfully submitted,

Jamie M. Coleman
Regulatory Affairs Director Vogtle 3 & 4Enclosure: Vogtle Electric Generating Plant (VEGP) Unit 4
Completion of ITAAC C.2.6.09.05a [Index Number 664]

JMC/CIP/sfr

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cc: Regional Administrator, Region II
 Director, Office of Nuclear Reactor Regulation (NRR)
 Director, Vogtle Project Office NRR
 Senior Resident Inspector – Vogtle 3 & 4

**Southern Nuclear Operating Company
ND-23-0091
Enclosure**

**Vogtle Electric Generating Plant (VEGP) Unit 4
Completion of ITAAC C.2.6.09.05a [Index Number 664]**

ITAAC Statement

5. Access control points are established to:

- a) control personnel and vehicle access into the protected area.
- b) detect firearms, explosives, and incendiary devices at the protected area personnel access points.

Inspections/Tests/Analyses

Tests, inspections, or combination of tests and inspections of installed systems and equipment at the access control points to the protected area will be performed.

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Acceptance Criteria

The access control points for the protected area:

- a) are configured to control personnel and vehicle access.
- b) include detection equipment that is capable of detecting firearms, incendiary devices, and explosives at the protected area personnel access points.

ITAAC Determination Basis

Tests, inspections or a combination of tests and inspections of installed systems and equipment at the access control points to the protected area were performed to verify the access control points are configured to control personnel and vehicle access and include detection equipment that is capable of detecting firearms, incendiary devices, and explosives at the protected area personnel access points. The VEGP Unit 4 Plant Security System ITAACs only cover the Unit 4 plant security system design commitment scope. No personnel access points were installed in the expansion of Unit 4 protected area.

a) The access control points for the protected area are configured to control personnel and vehicle access.

An inspection was performed to confirm that protected area personnel and vehicle access control points are installed per approved construction drawings and to ensure the access control points are configured to control personnel and vehicle access per the applicable personnel and vehicle access control requirements of the VEGP Unit 1-4 Physical Security Plan associated with 10 CFR Part 73.55(g)(1). Personnel access control points were confirmed in Unit 3 ITAAC 664 (Reference 4).

The inspection of the protected area secondary vehicle access control point confirmed that vehicles are channeled to the designated access control point where vehicles are processed before being granted access to the protected area. The secondary vehicle access control point is confirmed to include: 1) active vehicle barriers located outside the Protected Area fence which are remotely controlled from the Central Alarm Station or Secondary Alarm Station 2) video surveillance equipment that can be monitored by security personnel, and 3) a vehicle search isolation area between the inner and outer protected area fence to search vehicles for

unauthorized items. Vehicle operators are processed via the protected area primary personnel access control point (PAP). Testing of the secondary vehicle access control point active vehicle barriers was performed to demonstrate the barriers could be remotely controlled from the Central Alarm Station (CAS) or Secondary Alarm Station (SAS).

The results of the protected area secondary vehicle access control point inspections are documented in SV4-SES-ITR-800664 (Reference 1). The results of the secondary vehicle access control point active vehicle barrier testing is documented in SV4-SES-ITR-801664 (Reference 2). Together References 1, 2, and 4 confirm that the protected area access control points are configured to control personnel and vehicle access.

b) The access control points for the protected area include detection equipment that is capable of detecting firearms, incendiary devices, and explosives at the protected area personnel access points.

The results of the Unit 3 protected area personnel access point detection equipment inspections and testing are documented in Reference 4 and confirm that installed equipment at the protected area personnel access point is capable of detecting firearms, incendiary devices, and explosives.

Together, these reports (References 1, 2, and 4) provide evidence that the following ITAAC Acceptance Criteria requirements are met:

- The access control points for the protected area are configured to control personnel and vehicle access; and
- The access control points for the protected area include detection equipment that is capable of detecting firearms, incendiary devices, and explosives at the protected area personnel access points.

References 1, 2, and 4 are available for NRC inspection as part of the Unit 4 C.2.6.09.05a ITAAC Completion Package (Reference 3).

ITAAC Finding Review

In accordance with plant procedures for ITAAC completion, Southern Nuclear Operating Company (SNC) performed a review of all findings pertaining to the subject ITAAC and associated corrective actions. This review found there were no relevant ITAAC findings associated with this ITAAC. The ITAAC completion review is documented in the ITAAC Completion Package for ITAAC C.2.6.09.05a (Reference 3) and is available for NRC review.

ITAAC Completion Statement

Based on the above information, SNC hereby notifies the NRC that ITAAC C.2.6.09.05a was performed for VEGP Unit 4 and that the prescribed acceptance criteria were met.

Systems, structures, and components verified as part of this ITAAC are being maintained in their as-designed, ITAAC compliant condition in accordance with approved plant programs and procedures.

References (available for NRC inspection)

1. SV4-SES-ITR-800664, Rev. 0, "Unit 4 ITAAC 664 Walkdown Inspection: ITAAC C.2.6.09.05a"
2. SV4-SES-ITR-801664, Rev. 0, "Unit 4 Secondary Vehicle Access Point Vehicle Access Point Active Vehicle Barrier Testing: ITAAC C.2.6.09.05a"
3. C.2.6.09.05a-U4-CP-Rev0, ITAAC Completion Package
4. ND-21-0715, "Resubmittal of ITAAC Closure Notification on Completion of ITAAC C.2.6.09.05a [Index Number 664]," dated August 3, 2021, ADAMS Accession Number ML21215A572